

Assignment 3: Form Validation

Design and implement a responsive Login and Registration page using HTML, CSS (Bootstrap), and JavaScript. Apply proper client-side validations for all input fields (e.g., required fields, email format, password rules) and display appropriate error messages.

Login page

The image shows a wireframe of a login interface. At the top center, the word "Login" is displayed in a large, bold, dark blue font. Below it, there is a label "Email address" in a smaller, dark blue font. Underneath the label is a rectangular input field with a thin gray border. Inside the input field, the placeholder text "Enter email" is written in a light blue font. Below the email input field is another label "Password" in a dark blue font. Underneath the label is another rectangular input field with a thin gray border. Inside the input field, the placeholder text "Password" is written in a light blue font. At the bottom of the form is a wide, horizontal blue button with the word "Login" written in white. The entire form is set against a white background with a soft shadow around the edges.

Screenshots

- if both fields are empty

Login

Email address

!

Please enter a valid email address.

Password

!

Password must be at least 6 characters long.

Login

- if email is invalid

Login

Email address

! Please include an '@' in the email address. 'abc' is missing an '@'.

Password

Login

- email is correct but password is empty

Login

Email address

✓

Password

!

Password must be at least 6 characters long.

Login

- if password length is less than 6

Login

Email address

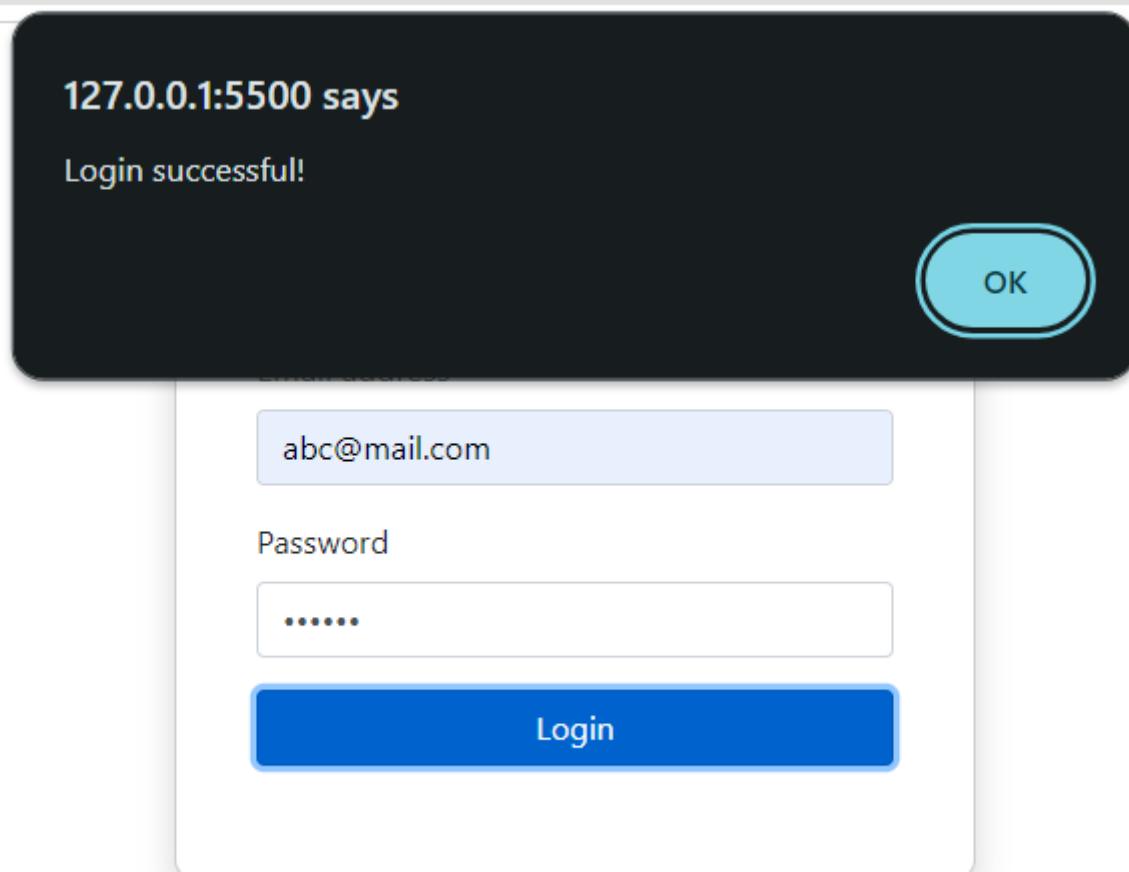
Password

!

Password must be at least 6 characters long.

Login

- if login is successful then it should display an alert message "Login Successful"



Register page

Register

Name

Email address

Password

Phone Number

Register

- if all fields are empty

Register

Name

!

Please enter your name.

Email address

!

Please enter a valid email address.

Password

!

Password must be at least 6 characters long.

Phone Number

!

Please enter a valid phone number.

Register

Register

Name

Email address

! Please include an '@' in the email address. 'abc' is missing an '@'.

Password

Phone Number

Register

- if email is invalid

- if phone number is invalid (phone number must be in digits and of exactly 10 digits.)

Register

Name

✓

Email address

Password

✓

Phone Number

!

Please enter a valid phone number.

Register

Register

Name

!

Please enter your name.

Email address

!

Please enter a valid email address.

Password

!

Password must be at least 6 characters long.

Phone Number

✓

Register

- if registration is successful then it should display an alert message "Registration Successful"

127.0.0.1:5500 says

Registration successful!

OK

abc

Email address

abc@mail.com

Password

.....

Phone Number

1234512345

Register